

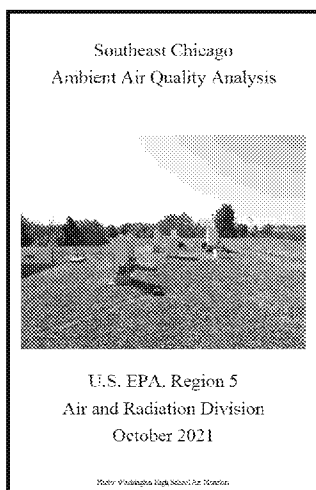


U.S. EPA Southeast Chicago Air Monitoring Analysis

November 4, 2021



U.S. EPA Air Monitoring Report

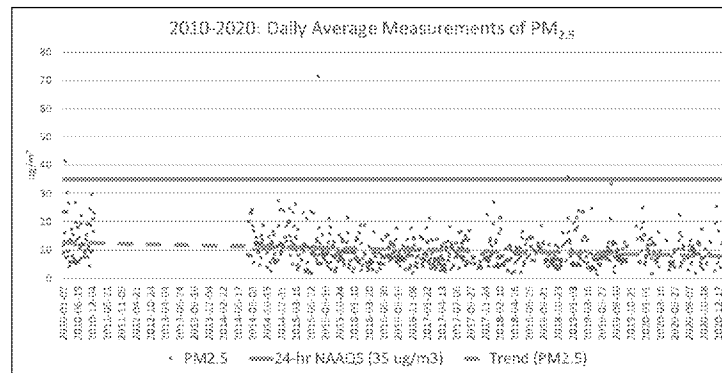


- EPA released report on October 21, 2021
- You can visit the [website](#) to read the full report
- EPA began this analysis in April 2021
- This report is just one input into the HIA



Report Findings

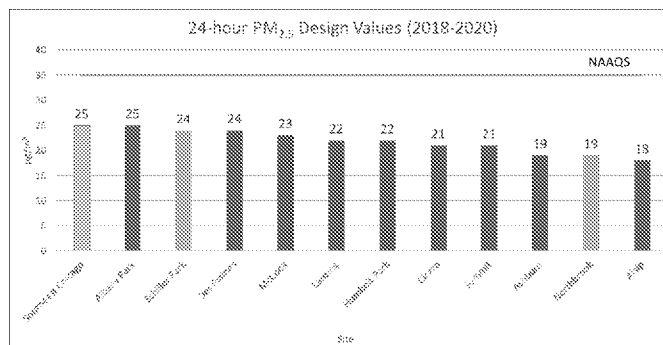
- Concentrations of pollutants measured at George Washington High School:
 - have either decreased or remained the same over the past 10 years
 - have either decreased or remained the same—with the exception of coarse particulate matter—over the past 3 years
- Over the last 10 years, annual averages of all metals—like lead and manganese—have been below the long-term health benchmarks





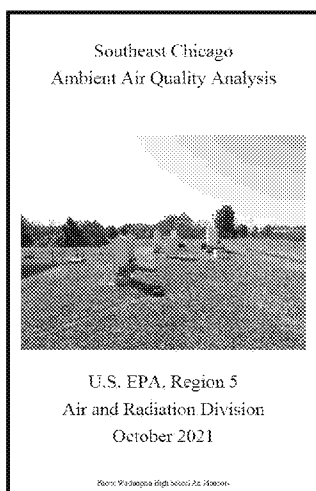
Report Findings

- When compared to similar data collected in the Chicago area, Southeast Chicago is:
 - tied for highest daily fine particulate matter
 - in the middle for annual fine particulate matter (6th highest out of 12)
 - in the middle for annual coarse particulate matter (2nd highest out of 3)
- The most recent 12-month rolling averages of manganese near facilities, where EPA required special monitoring, are all below the long-term health benchmark





Key Takeaways



- ✓ Report uses a data-driven approach to understand trends in the community
- ✓ EPA's report is just one input into the HIA
- ✓ EPA will continue to engage with the community and partners on improving air quality